

ABSTRACT

A method of forming a semiconductor device that includes providing a semiconductor substrate, forming a first insulating layer over the semiconductor substrate, forming a floating gate over the first insulating layer with a reaction gas, wherein the floating gate comprises a microcrystalline material having a grain size of about 50-300Å, forming a second insulating layer over the floating gate, and forming a control gate over the second insulating layer.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com